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(54) **A CONTROL SYSTEM AND METHOD OF CONFIGURING A LIGHT SOURCE ARRAY**

(57) A method 500 of configuring a light source array 110 of a system is disclosed. The system further comprising a display 110 and a camera 108, wherein the light source array 110 comprises a plurality of individually controllable lighting units, and wherein the light source array 110 has been positioned relative to the display 110. The method 500 comprises: rendering 502 a pattern 122 on the display 110, controlling 504 one or more lighting units of a first segment 112 of the light source array 110 according to a first light setting generating a first spatial light effect, controlling 506 one or more lighting units of a second segment 114 of the light source array 110 according to a second light setting generating a second spatial light effect, obtaining 508 an image 140 captured by the camera 108, the image 140 comprising the display 110, the first spatial light effect, and the second spatial light effect, detecting 510 the pattern 122 in the image 140, detecting 512 the first light setting and the second light setting in the image 140, determining 514 positions of the first segment 112 and the second segment 114 relative to the display 110 in the image 140 based on the first light setting, the second light setting and the pattern 122 in the image 140, and determining 516 a mapping of the plurality of the individually controllable lighting units with respect to the display 110 based on the positions of the

first segment 112 and the second segment 114 relative to the display 110 in the image 140, such that when media content is being rendered on the display 110 one or more lighting units of the plurality of the individually controllable lighting units are controlled based on the media content according to the mapping.

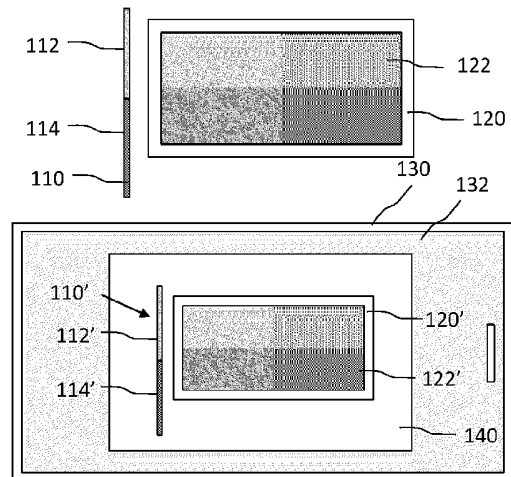


Fig. 2a



EUROPEAN SEARCH REPORT

Application Number

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DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
			H05B
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
Munich		21 October 2024	Beaugrand, Francois
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
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ON EUROPEAN PATENT APPLICATION NO.

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